

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20040190808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 11:57
L2	0	1 and full adj complement adj arrangement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 11:57
L3	1	1 and full adj compliment adj arrangement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:11
L4	0	bearing and (compress\$4 adj stress) and hardness and (austinite adj grain adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:12
L5	1740442	bearing andand hardness and (austinite adj grain adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:12
L6	1	bearing and hardness and (austinite adj grain adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:14
L7	0	bearing and hardness and ((old or prior) adj austinite adj grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:14
L8	0	bearing and (harden\$3 aor heat adj treat\$4 aor hardening) and ((old or prior) adj austinite adj grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:15
L9	2	(harden\$3 aor heat adj treat\$4 aor hardening) and ((old or prior) adj austinite adj grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:15
L10	2	"5560787".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 15:49

## EAST Search History

L11	2	"6066068".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 12:17
L12	12	("5456766"   "5556348"   "5830285"). PN. OR ("6066068").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:18
L13	12	("5456766"   "5556348"   "5830285"). PN. OR ("6066068").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:18
L14	9	("4191599").PN. OR ("5560787"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:18
L15	23	(10 11 12 14)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:19
L16	12	15 and austenite	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:20
L17	4	15 and grain adj size	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:21
L18	4	15 and grain adj (number or size)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:22
L19	11	"5595610"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:23
L20	6	19 and grain adj size	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:23
L21	13	("3382064"   "3891474"   "5084116"   "5413643"   "5556348"   "5595610"   "5676769"   "5853502"   "5944916"). PN. OR ("6149734").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:24
L22	4	21 and grain adj size	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:26
L23	337	384/625.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:27
L24	22	23 and grain adj (number or size)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:28
L25	0	24 and austinite	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:29

## EAST Search History

L26	54	384/912.ccls. and 384/913.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:28
L27	643	384/912.ccls. or 384/913.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:28
L28	0	27 and austinite and grain adj (size or number)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:29
L29	16	27 and austenite and grain adj (size or number)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 12:29
L30	9	24 and austenite	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 14:04
L31	9	(US-5456766-\$ or US-6149734-\$ or US-5595610-\$ or US-4930909-\$ or US-5122000-\$ or US-6309475-\$ or US-6488789-\$).did. or (GB-2284616-\$ or DE-19850867-\$).did.	USPAT; DERWENT	OR	OFF	2007/04/05 15:44
L32	4	31 and compressive	USPAT; DERWENT	OR	OFF	2007/04/05 15:47
L33	3	31 and compressive adj stress	USPAT; DERWENT	OR	OFF	2007/04/05 15:44
L34	0	31 and compressive and MPA	USPAT; DERWENT	OR	OFF	2007/04/05 15:47
L35	2	31 and compressive and "225"	USPAT; DERWENT	OR	OFF	2007/04/05 15:47
L36	4	10 or 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 15:49
L37	1	36 and "225"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:28
L38	0	37 and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:25
L39	3	31 and austenite near (grain adj (size or number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:25

## EAST Search History

L40	4	"4930909".pn. or "6309475".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:29
L41	2	40 and grain adj size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:32
L42	6327	1-41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:32
L43	0	42 and ((original or old or initial) near3 grain adj (size aor number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:33
L44	544	((original or old or initial) near3 grain adj (size aor number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:33
L45	1	44 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:35
L46	0	44 and (12 14 21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:35
L47	0	(12 14 21) and ((original or old or initial) near3 grain adj (size aor number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:36
L48	47	bearing and ((original or old or initial) near3 grain adj (size aor number))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:36
L49	1	bearing and ((original or old or initial) near3 grain adj (size aor number)) and (Gc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:36

## EAST Search History

L50	5794193	(JIS G "0551")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:37
L51	108	("JIS G 0551")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:39
L52	18	51 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:41
L53	11	("6158263") or ("5,775,280") or ("6342109") or ("6224688") or ("6440232") or ("5803993") or ("6238009") or ("5979383") or ("6012851") or ("6095692") or ("6532920") or ("6342109") or ("6224688") or ("6440232") or ("6012851") or ("6095692") or ("6532920")).PN.	USPAT; USOCR	OR	OFF	2007/04/05 16:46
L54	2	53 and grain adj (size or number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:47
L55	18	austenite and (old or original or initial) near grain adj (size or number)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:50
L56	18	austenite and (old or original or initial) near grain adj (size or number or crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:50
L57	143	austenite and (old or original or initial) near (size or number or crystal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:51
L58	22	57 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:54

## EAST Search History

L59	340	(prior or initial or old or original) adj austenite adj grain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:54
L60	57	59 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 16:55
L61	6	("6165289"   "6197128"   "6524011"   "6715926"   "6719854"   "6761486"). PN. OR ("7004637").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 16:58
L62	0	59 and 61	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 16:58
L63	8	"6224688"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:26
L64	2	63 and takemura.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:29
L65	0	"5,560,787".pn. and grain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:29
L66	0	"53560787".pn. and grain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:29
L67	0	"5560787".pn. and grain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:29
L68	0	"5560787".pn. and austenite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:41

## EAST Search History

L69	0	"5,803,993" and carbonitriding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:42
L70	1	"5,803,993" and carbonitrid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:42
L71	0	"5803993".pn. and carbonitrid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:47
L72	2	"5560787".pn. and temper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:56
L73	2	rocker adj arm with full adj complement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/05 17:57
L74	18	("3418985"   "3621823"   "4497307"   "4628874"   "4718379").PN. OR ("4878463").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 17:57